

FOLIO

UNIVERSITY OF ALBERTA
16 SEPTEMBER 1994

INSIDE



- Among the thousands of students getting acclimated is Ethiopia's Dejenie Lakew (p 3)
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- Horlick a master of analytical chemistry (p 5)

Board favours more open process

Visits to Faculties part of initiative raised by Ferguson

By Michael Robb

Newly installed Board of Governors Chair John Ferguson wants the business of the Board to be more open.

And at the regular Board meeting on 8 September, his proposals in that regard were overwhelmingly endorsed by Board members.

The more closed you are, the more likely it is that people will think you're talking about them and the more negatives there are, Ferguson said. "I'd rather prove that that's not the case. The intent is to create a more open process."

"Over time there will be a relatively small period of time [set by the Board] for confidential matters. We've got to give it a try; we may find it doesn't work. If not, we'll try something different."

The Board will now meet in open session at 8:30 am and meet once every two months, instead of once a month. Committee meetings will be held about two weeks before Board meetings. Following Board meetings, members will visit Faculties. "If we can get the Board members and administration out into the University, I think that would be great," Ferguson said, pointing out that when he consulted with people on campus,

many said, "It would be great if you could visit our Faculty."

"Board members will learn more about the Faculties and people in the Faculties will have an opportunity to express the issues to Board members, and show us what they're doing in their Faculties," he said.

"If we can get the Board members and administration out into the University, I think that would be great."

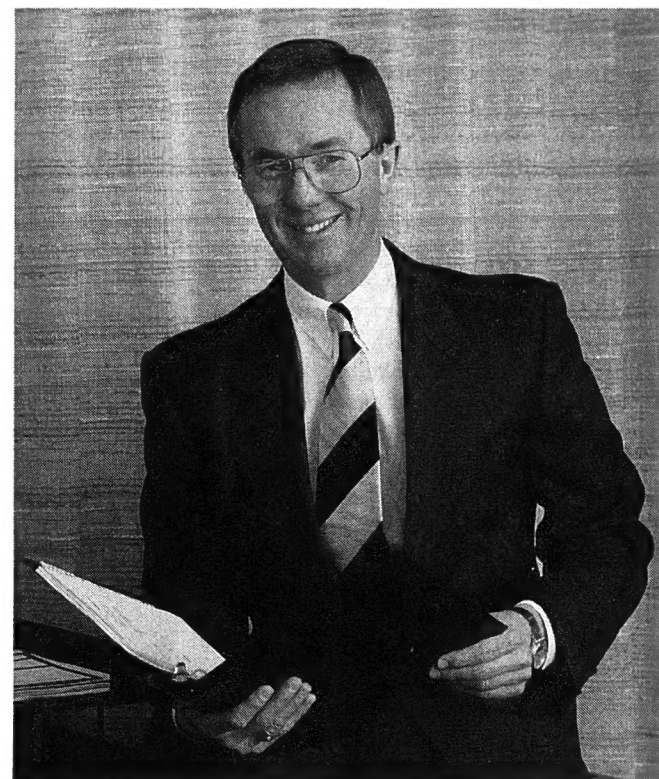
John Ferguson

Ferguson acknowledged that the previous executive committee raised some suspicions on campus. "I frankly feel very comfortable that all [Board] decisions should be made by this Board. I run my company that way. I feel it works very well, and I feel that's the way we should do it here. I find it much more open. Board members are all equal, and they're all involved in every decision we make here."

The Board endorsed proposals to abolish the executive committee and revamp its committee system. It created six standing committees: Educational Affairs; Finance and Property; Community and Government Affairs; Human Resources and Compensation; Audit; and, Safety, Health and Environment.

"We had a committee structure in place. But is it the right committee structure for today?" Ferguson asked. "As you look at it, you start to question that," he said, pointing out that the old Academic Affairs and Human Resources Committee had half the Board on it while the other half sat on the Finance Committee. That's not really a committee structure, Ferguson said.

Board member Don Mazankowski said he liked Ferguson's approach. It's important to streamline operations, he said, suggesting



John Ferguson, Chair of the Board of Governors

that committees may want to establish plans for the coming year.

(Please see page 2 for more Board of Governors news.)

Step up for Shinerama

Students' Union raises funds for cystic fibrosis research

By Judy Goldsand

Step right up today or tomorrow and get your shoes shined! U of A student volunteers, and postsecondary students throughout Canada, are wielding their brushes and polish to raise funds for cystic fibrosis, a disease that takes the lives of more Canadian children and young adults than any other inherited disease.

The shoeshine blitz takes place today on campus from 11 am to 2 pm, and tomorrow (17 September) around the city from 9 am to 4 pm. Students hope their fundraising activities, which also include a car wash and a raffle, will raise \$10,000.

Malcolm King (Pulmonary Medicine) explains that people with the disease are missing a vital protein that helps move water across cells lining airways and intestines. U of A researchers are involved in both basic research - seeking ways to normalize the water content of airway fluid, and clinical trials - evaluating the role of drugs and chest compression methods in breaking down mucus.

Research into cystic fibrosis has made incredible strides, says Dr King, particularly since discovery in 1989 of the genetic defect responsible for CF. But, he adds, that has only intensified the need for research.

5 ... 4 ... 3 ... 2 ... 1 ...

It's a go! Roberta Bondar will deliver Tory Lecture

Roberta Bondar will deliver this year's Henry Marshall Tory Lecture, 29 September, 8 pm, at Myer Horowitz Theatre.

Since serving on the space shuttle Discovery in 1992, the Canadian astronaut has continued to work as a neurologist and researcher.

In addition to being a visiting distinguished professor in the Faculty of Kinesiology at the University of Western Ontario, Dr Bondar is a distinguished professor

at Ryerson Polytechnical University and a visiting research scholar at both the Department of Neurology, University of New Mexico, and the Universities Space Research Association, at the Johnson Space Center in Houston, Texas.

The well-known astronaut is an Officer of the Order of Canada, a member of the Order of Ontario and a recipient of NASA's Space Medal.

Dental Studies Task Force committed to tabling report by 1 November

By Michael Robb

No one on the Dental Studies Task Force is kidding themselves—there will be difficult issues to tackle, says Acting Vice-President (Academic) Roger Smith.

Addressing the regular Board of Governors meeting, 8 September, Dr Smith said the task force is still committed to tabling its report by 1 November.

"The task force is now off and running and has had several meetings," said Board Chair John Ferguson. "I think the quality of the task force members speaks for itself. We've got good strong academics, a couple of good, strong deans, and good representation from the interest groups at the University and outside the University."

The Board has committed up to \$25,000 and the Alberta Dental Association has put in about \$85,000 to support the task force's work, he explained.

Dr Smith said the task force has been working for about one month, and has set up seven subcommittees to tackle specific issues, such as curriculum, accreditation and research.

"We have to ensure that we have a credible academic research plan which is prag-

matic and achievable. Coming up with a plan is one issue, but having confidence that people can be attracted over a reasonable period of time to build the program we're trying to build is where the challenge is going to come," Dr Smith said.

"It's a complex issue, and there's going to have to be a lot of communication," he said, pointing out that there are a number of different perspectives represented on the task force. The task force is chaired by Jack Scott, who earned his dental degree at the U of A.

Acting President John McDonald informed the Board that he was establishing a small working group to advise him on how the process of handling the task force proposals would be carried out. Ferguson said the Board would consider the advice of that group.

The Board earlier this summer voted to table a motion to close the Faculty and established the task force to develop a proposal for restructuring and reorganizing dental studies. The proposal must include savings of at least \$3 million annually and plans for enhancing the academic excellence of the Faculty.

Upgrades to be covered by nominal reservation fee

Racquet courts still one of best deals in town

By Sandra Halme

How does a Faculty upgrade and/or repair frequently used, popular facilities if there is no money to do so? That was the million dollar question Physical Education and Recreation faced last spring. The solution: charge a nominal fee (\$1 per booking or \$17 for 20) to those avid squash and racquetball players who want a court at a specific time and dedicate all the money to renovations and reparation.

Until now, University racquet aficionados have been on easy street (or court) compared with other racqueteers who must pay dearly to belong to and play at the numerous racquet clubs in the city. In the past, campus users were only asked to reserve a court and, voilà, it was theirs. The introduc-

tion of a nominal \$1 fee for the privilege of reserving a court still leaves campus users in an enviable position. People can still play for free, but without a reservation they run the risk of not finding a court available.

"In order to guarantee that we can provide the types of recreation and athletic facilities that students and staff expect, we simply had to find additional revenue," says John Barry, Support Services Director. He points out that a similar user fee has been extremely successful at the University Tennis Centre for the past six years. "We have now raised almost enough money to purchase a new air support structure [a huge bubble which allows for year round use] for the Centre."

According to Barry, money from user fees will be put directly into trust and used to upgrade the courts and weight room. Over the next month, two new convertible glass walls will be installed, allowing for the conversion of racquetball courts to squash courts and vice versa, he says. Future plans call for a major upgrading to replace front walls of the courts as well as construction of regulation-size squash courts.

User fees are payable at the equipment room. Students have agreed to pay a similar amount towards renovations through the latest Students' Union referendum for campus recreation.

Arts student's first year off to great start

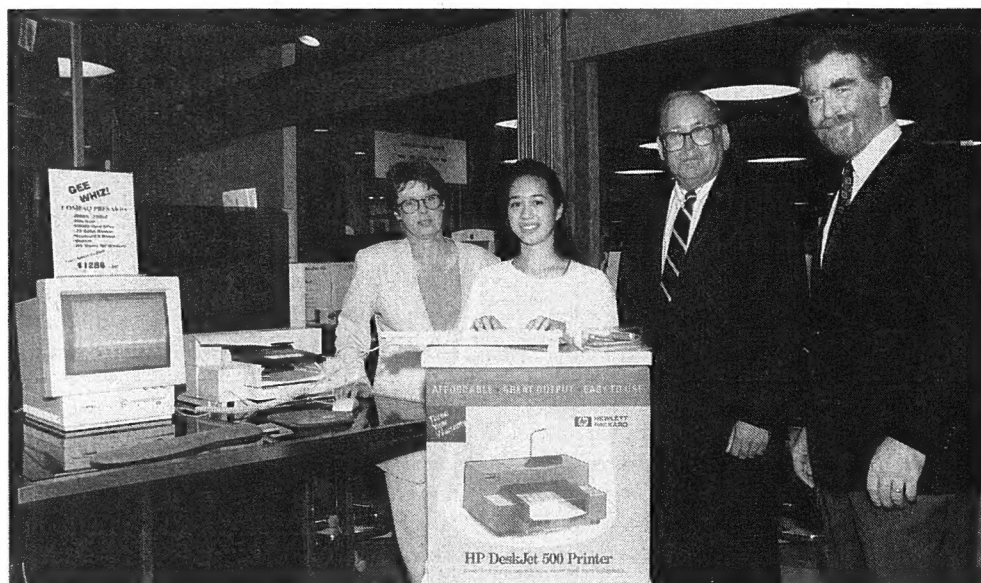
By Folio staff

First year Arts student Shelley Briones was the lucky recipient of a Compaq Presario 486 computer and a Hewlett Packard printer, both of which were donated by the Bookstore's Computer Store and raffled off as part of New to the U activities, 6 and 7 September. Briones' good fortune didn't end there, however, as the Department of Economics (Briones is majoring in economics) added \$200 worth of software to her haul.

To date, there are 5,088 new undergraduate students. Just under 3,000 of them

attended the New to the U reception where they were given a U of A clipboard. New undergraduates who didn't attend and

whose student ID number begins with 24 or 34 can pick up their gift at the Access Centre, main floor, Administration Building.



Shelley Briones tries out the computer she won courtesy of the Bookstore Computer Store and New to the U. Also pictured are Bea Wytinck, Computers Manager, Jim Malone, Bookstore Manager, and, right, Mel McMillan, Chair of the Economics Department. This is the third consecutive year that the Bookstore has donated a computer and printer on behalf of New to the U.

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Public Affairs produces Folio on a regular basis for employees and volunteers at the University of Alberta.

Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in Folio do not necessarily reflect University policy. Folio contents may be reprinted with acknowledgment.

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CURRENTS



Illustration, digital imaging tapes available from Photo Services

Photo Services has a complete set of noted American photographer/teacher Dean Collins's videos for rent. The 11-video set of the Finelight Series includes Commercial Illustration, Tabletop; Commercial Illustration, Large Scale; Contemporary Portraiture; and Commercial Portraiture. There is also a five-tape series on digital imaging, from getting started to producing high quality, end-product results.

Rental costs are: Finelight Series, \$1.50 each tape per day; \$10 complete set per day. Digital Imaging Series, \$1.50 each tape per day; \$5 complete set per day.

For more information on the tapes, call David Spearing at 492-4185. To reserve tapes, call 492-4186.

Faculty badminton

The University of Alberta Faculty Badminton Club takes to the court Wednesday evenings (8:15-10:15) in the Education Gym-

nasium. The season runs from 14 September to 7 December and 3 January to 12 April. Fee: \$15 per year (includes birds). All faculty, research staff and spouses are invited to participate. For more information, call Tony Capri, 492-5502; Nancy Cyr, 988-5456; or Mika Madunicky, 438-7609.

Faculty Curling League

The Faculty Curling League will play Mondays and/or Thursdays at 5 pm at the Jasper Place Curling Club. Mixed team and individual registrations welcome. Open to all interested curlers. Contact: Jackie, 492-2798.

Concert Choir selling Entertainment Books

Members of the U of A Concert Choir are selling Entertainment Books again this year. The cost is \$40.66 (including GST) and cheques can be made payable to Concert Choir. To order, call ensemble director Debra Cairns at 492-2384 or 492-3263.

BOARD OF GOVERNORS

BRIEFS

Funding for BEd with Grande Prairie sought from Access Fund

The University of Alberta wants to establish a Bachelor of Education pilot project with Grande Prairie Regional College. The University has sent a letter of intent to the provincial government, asking for possible funding from the recently established Access Fund to support the program. Acting President John McDonald informed the Board of Governors, 8 September.

Environmental Centre of Excellence funding sought nationally

The University has also submitted a letter of intent for a major administrative node of a Networks of Centres of Excellence in Environmental Ecosystem Management Forest Harvesting. "We're hoping that will be successful; if it is, it would be a big plus for our University," Dr McDonald said.

Donations up over last year

Private gifts to the University totalled \$4,092,524 during the first four months of the 1994-95 fiscal year, compared with \$1,673,187 over the similar period during the previous year. Vice-President (Development and Community Affairs) John McConnell reported that the number of donors totalled 5,945 compared with 3,001 in 1993-94.

Paul Wacko appointed to Board

Paul Wacko, previously an "external" member of the Board Finance Committee, has been appointed to the Board for a three-year term effective August 1994. Wacko replaces Bill Grace who stepped down in June in order to devote more time to the Regional Health Board.

Wacko is president of CBR Cement Canada Limited-Inland Region. He has served and continues to serve on many boards and associations, including the Canadian Construction Association, Canadian Manufacturers' Association, Economic Development Edmonton and the Alberta Chamber of Resources.

Discussions ongoing with regional health authority

University officials have met with officials of the regional health authority, to work out the transition as it relates to the U of A. Dr McDonald said, "We want to make sure that in the transition, our health science Faculties can continue to contribute to the education of health professionals and the research needed in the area."

Mergers going well, Board told

The mergers of departments have been going very smoothly over the summer, Dr McDonald said. Twenty-two academic departments and three other academic units have disappeared over the summer, and been replaced with 10 new academic units. "There's been a very significant streamlining. I believe it's been done in a way that will actually help us have stronger academic programs. I fully credit the people in the departments and Faculties for doing a good job on this. It's been a difficult exercise."

"We've received approval from the Minister of Advanced Education and Career Development with respect to several of the initiatives. We've had approval to downsize the graduate programs in Education, approval to implement a joint MBA/Master's of Health Sciences program, and the Minister has also acknowledged the mergers in Arts and the establishment of the pre-professional year prior to entry into the Bachelor of Commerce program."



University
of
Alberta

Canadian foundation funds basic research into AIDS

Guilbert world-leader in study of mother-child transmission of disease

By Judy Goldsand

Larry Guilbert's questions about the way diseases are transmitted from mother to child led him to a recent award of \$60,000 from the Canadian Foundation for AIDS Research (CanFAR). Established a few years ago, CanFAR is a private, Toronto-based foundation whose corporate members want their funds to support basic research into AIDS. Dr Guilbert's award came primarily from Holt Renfrew.

The award will fund a small part – one specific aspect – of a study for which Dr Guilbert receives substantial funding from the National Health Research and Development Program (NHRDP). The overall study involves examining the structure of the trophoblast, a skin-like covering of the placenta.

"I began thinking about this kind of research about three years ago," said Dr Guilbert, who came to U of A in 1984 from Albert Einstein College in New York. "I had a lot of support around here from people like Lorne Tyrrell and Tim Mosmann. Lorne told me that if I could help explain how infectious diseases were carried across the placenta, I would be all alone in the world. No one else was doing any studies in the area."

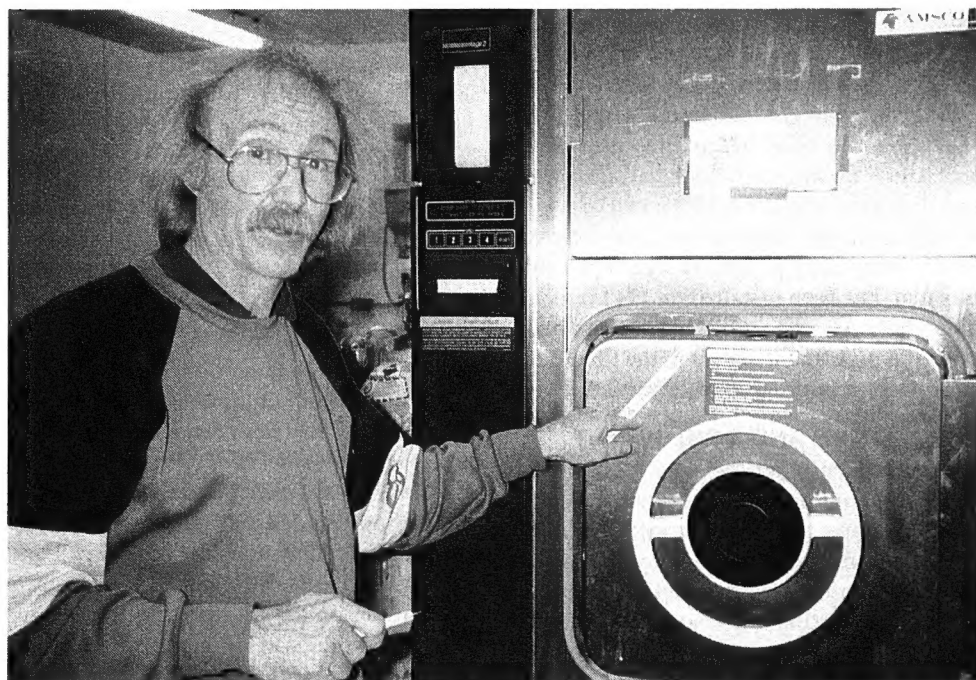
To begin to understand the in-utero transmission of AIDS, one must first look at the role of the placenta in relation to the maternal immune system, says Dr Guilbert. We know that the placenta is bathed in blood for nine months, yet in Alberta less than 10 percent of fetuses at risk get the disease. Even in highest risk mothers in Los Angeles, 40 percent of babies do not get the virus.

Dr Guilbert and his colleagues are investigating the way the trophoblast acts as a physical barrier and an immune barrier. They have found that cells pass through the trophoblast when a break occurs, but also that the trophoblast has some capacity for killing the invading organisms.

They discovered that infected maternal white cells could stick to the outer surface of the trophoblast and drill holes into it. Why do normal cells not stick? What is the nature of the 'glue'? The CanFAR award will fund specific inquiries in this area. "If one could understand the molecular nature

Technical breakthrough speeds research

"We were the only people in the world who could do that," says Larry Guilbert, referring to a 1993 technical breakthrough. (First reports were published in April 1994.) Dr Guilbert gives credit to a postdoctoral colleague and a student for the technical discovery that enabled research into the structure of the trophoblast to progress rapidly. Dr Maria Garcia-Lloret and Jane Yui (who presented her PhD thesis on the subject 15 September) discovered how to purify and freeze trophoblast cells so that experiments could be done daily rather than once a month as had been the case. Dr Garcia-Lloret, who resided in Edmonton for a time, now commutes from Los Angeles to continue her involvement in this research.



Larry Guilbert is investigating the in-utero transmission of AIDS.

of that glue," says Dr Guilbert, "it could lead to diagnosis in mothers likely to transmit the organism, and perhaps eventually to treatment or prevention."

Dr Guilbert, who confesses that he went into science to avoid English, says he now spends a good deal of time writing grant applications and editing English. Although he does some teaching and serves on more than 20 PhD supervisory committees and exam committees, his first love remains "hands-on" work in the lab.

I appreciated the CanFAR Award even more, says Dr Guilbert, when I realized the involvement of Holt Renfrew's president and staff members in raising funds to combat AIDS. Holt Renfrew turns over to CanFAR all the proceeds from sales of a series of greeting cards designed by Canadian artists, and a cookbook. Last year they raised more than \$70,000.

First impressions of an Ethiopian mathematics graduate student

International graduate student profile: Dejenie Lakew

By Michael Robb

When Dejenie Lakew approached a woman in a London airport to ask her a question, the woman simply ignored him. The Ethiopian graduate student was aghast. It was his first time abroad. The airport was confusing and the people in Britain didn't appear to be all that friendly.

The incident only heightened his apprehensions about coming to Canada to study as a PhD graduate student at the University of Alberta. However, once he touched down, 27 August, at the Edmonton International Airport, his fears quickly evaporated. The Mathematics Department's secretary, Marion Benedict, greeted him, found him a place to stay and invited the 31-year-old graduate student to her house to meet her family.

"From that moment, I erased many of my misgivings," says Dejenie, who will spend the next four years completing a PhD in mathematics.

It was a decision that has had its costs. For example, his wife wasn't able to join him (he's still optimistic she'll be able to do so) and his own departure was delayed by several months because of immigration problems. Both of them decided that if he was to teach in Addis University, he would have to earn his PhD. Meantime, friends here—he's already met other Ethiopian students—have advised him to curtail his phone calls back home, or he'll quickly run out of money.

Every sojourner's experience is different, explains Doug Weir, the International

Centre's Coordinator of Programs and Services for Foreign Students. Typically, they arrive excited about their new surroundings. As they engage in the local culture, there is a tendency for them to disengage and to question their decision to come. The difficulties in making friends, the local food and the weather all figure in foreign students' doubts.

"But, eventually they pull themselves out of their slump and re-engage," Weir says, and they become more accepting of the local culture, realizing that they can't change it.

Dejenie also enrolled in the International Centre's orientation for international students, in an attempt to make the transition to Canadian life a little easier. As part of the program, he and other newly arrived students listened as veteran international students related their academic and social experiences.

Dejenie has noticed two distinct differences in the two cultures. First, in Addis Ababa, the capital of Ethiopia (pop. three million), people walk in the city streets. Here, there are no crowds. Many choose to get around by other means. Second, he was shocked to see people kissing on the streets of Edmonton. In Ethiopian society, that's taboo, he explains.

In the academic environment, the ground is a little more familiar. The U of A campus is larger. At Addis University, individual faculties constitute separate campuses, and, therefore, are much smaller.

Addis University's Faculty of Science annually admits roughly half the number of students that its counterpart at the U of A admits. Dejenie has also used University of Alberta Mathematics Professor Stephen Willard's text at Addis University.

Like most graduate students, the soft-spoken Ethiopian has some reservations about the academic requirements, and speculates that the reason international graduate students may at first be uneasy about their abilities to do the work is because they can't ever know precisely what the requirements will be. He believes that if he simply works hard enough, that won't be a problem.

He also hopes money won't be a problem either. He'll receive an assistantship from the department, has secured a loan from the International Centre and has applied to have the graduate student fees reduced. He's decided to live in Michener Park.

Lakew won't have to cope with language problems. His first language is Amharic. However, in the African country, students begin second language instruction in Grade 3 and in Grade 7 the language of



Ethiopian graduate student Dejenie Lakew. (Folio will speak with him several weeks from now to see how he is faring in a new culture and academic environment.)

instruction switches to English. It's also the language of instruction in Addis University, where he earned his MSc.

Three Ethiopian students are new to campus this year; there were five on campus last year.

Planning and Development projects report, August 1994

The following report, prepared by Planning and Development, provides an overview of some of the major University of Alberta projects which are currently under way in that office.

PROGRAM PLANNING

General and detailed space programs: Programs and accommodation plans (to the schematic design stage in many cases) are proceeding for:

- The Faculty of Agriculture, Forestry, and Home Economics – to accommodate merged department requirements as much as possible in the Agriculture, Forestry, and Home Economics precinct (Agriculture-Forestry Centre, General Services Building and Printing Services Building). There will also be some adjustments to space occupied by other units in General Services Building.
- The Faculty of Law – to increase the efficiency of office and support facilities in the Law Building.
- The Faculty of Nursing – to accommodate a provincial government initiative to merge hospital schools of nursing with the Faculty of Nursing.
- Faculté Saint-Jean – to improve and enhance academic and support space, with federal funding.
- University Hall – to determine the needs of occupants and to reallocate building space, assuming that the Faculty of Graduate Studies and Research has moved to another campus location.
- Library system space – to accommodate major reorganizational changes expected in Cameron and Rutherford Libraries.
- Planning and Development and Physical Plant – to provide a strategic accommodation plan for both units.
- The Humanities Centre and Tory Building – to revise recently prepared programs and accommodation plans for building occupants in light of department mergers.

grams and accommodation plans for building occupants in light of department mergers.

- Human Resources – to provide consolidated space in response to recommendations in *Quality First*.
- Student Services – to provide consolidated space for all services in SUB.

LAND PLANNING

Bicycle paths: A new pathway routes bicyclists to the east of the Aberhart Centre. The path runs between 115 Street to the south and the Jubilee Auditorium to the north.

Devonian Botanic Garden: A Long Range Strategic Plan is being prepared to define the future program direction of the Garden, identify related physical program elements, and to assess possible development implications.

Exterior signs: An exterior sign system and related sign guidelines are being prepared to improve access to campus for visitors, students and staff. Regional signs were installed this summer at major entry locations into the city to guide visitors to campus. A temporary perimeter sign with campus map has been installed on 114 Street at University Avenue at the gateway to campus. The permanent sign is in the final design stages for spring 1995 construction.

RENOVATIONS AND DEVELOPMENT

Timms Centre for the Arts: The Centre is a 300-seat auditorium for use by the Department of Drama and other support facilities. Building construction is 85 percent complete with anticipated completion in November. Tendering for theatre equipment has begun. Building occupancy is scheduled for January 1995.

Ozawa Pavilion: The Pavilion, located at the Devonian Botanic Garden, will be

used for the Japanese tea ceremony and a small conference centre. Construction has begun and is scheduled to be completed early in 1995.

Metabolic Research Centre addition: Work at the Laird McElroy Environmental and Metabolic Research Centre, Department of Animal Science, consists of 500m² of renovations and additions to the existing facility. This project provides an upgrade to existing facilities in compliance with the Canadian Council on Animal Care standards.

Agriculture, Forestry, and Home Economics: Renovations are under way on the second floor of the Agriculture-Forestry Centre with phased completion to occur between September and November. Renovations will also be made to the 1st, 3rd and 4th floors of the Agriculture-Forestry Centre. The 2nd, 3rd and 8th floors of the General Services Building, the 4th floor of the Earth Sciences Building, and the Printing Services Building are also undergoing renovations.

Arts: Rooms 109, 113 and 117 have been converted into a 55-station computer assisted language learning (CALL) facility.

Biological Sciences: Renovations on the 4th floor of the Centre Wing associated with the merging of Botany, Genetics, Microbiology, Zoology and Entomology have been completed. Third floor renovations are under way.

Central Academic: With the merging of Mathematics and Statistics and Applied Probability, renovations are necessary. Renovations to the 6th floor are complete; renovations on the 4th floor are under way, with the 3rd floor to follow.

Civil/Electrical Engineering: Classroom 231 has been redesigned as a tiered class-

room for the Department of Electrical Engineering. Construction is complete.

Education North: Lower level renovations are associated with the merging of the Curriculum Materials Preparation Area (CMPA) and the Instructional Technology Centre (ITC). Phase I construction is complete, phases 2 and 3 are to follow.

Humanities: Conversion of the graduate student study area L1-2 into two audio-visual classrooms is complete.

Coutts Library: An electronic multimedia centre is now being designed.

SPACE PLANNING AND MANAGEMENT

Space planning and management activities continue as part of the ongoing review of unit space requests, space alteration proposals, overall campus space utilization, and the study of long-term space allocation possibilities. The most noteworthy projects at this time include:

- Museums and Collection Services is to move the University Print Collection from the Bio Sciences Building to the Fine Arts Building;
- Alberta International offices may be relocated from Campus Tower;
- Paleontology office and research facilities at the Edmonton Research Station must be moved to the main campus.
- Student Legal Services is to move to a Garneau house to allow space changes in the Faculty of Law.
- Audio-Visual Services is opening five new AV outlets in campus buildings to better serve classroom requirements.
- University Teaching Services requires additional support facilities.
- Human Resources requires an interim space reorganization.

To obtain additional project information, please contact Planning and Development at 492-4966.

Reunion Weekend shaping up as event-full and eventful

Thirty class reunions planned for grads who span the Depression and Woodstock years

By Coleen Graham

Graduates who have experienced University life at very different times will be returning to campus at the end of the month. There will be alumni who graduated into the hardships of the Great Depression, while others stepped out into a world at war. Some joined the post-war boom, clouded only slightly by the Korean conflict and the beginning of the Cold War. Still others left campus in the year of Woodstock, having experienced the unrest and protest movements of the '60s.

All will be back to take part in Reunion Weekend '94, which is being held 30 September and 1 and 2 October. As part of this homecoming weekend, almost all of the University's Faculties are planning special celebrations honouring this year's special anniversary classes of 1934, 1944, 1954 and 1969.

These classes had their University experiences coloured by the tenor of their respective times, but they share certain memories. They recall special faculty members, the friends they made, and their own growth toward independence. Pam Miles, a '69 Commerce Class Reunion organizer, remembers the University as a "protected environment" that offered students the "freedom and time to learn and explore." Preparing for this year's reunion has given her an opportunity to think back and appreciate special people and events that she remembers from her days on campus.

Thirty class reunions are being planned in conjunction with Reunion Weekend. Ac-

cording to Susan Peirce, Director of Alumni Affairs, "Reunion Weekend is one of the most important events on the Alumni Association's calendar. Alumni look forward to attending the many events planned by the Association, touring the campus and meeting old friends and acquaintances." More than 1,000 alumni and guests return to the University of Alberta each year for Reunion Weekend; another excellent turnout is expected again this year.

For many of the Class organizers, the reunions provoke feelings of nostalgia. Bill Andrew and Alex Roblee, the organizers for the Agriculture Class of 1944, have enjoyed receiving letters from classmates who are living around the world. "Not all graduates are able to attend the reunion," explain Andrew and Roblee, "but just hearing from these people that you may have lost track of is really delightful."

Most graduates taking part in the reunion activities will attend the Gala Dinner and Dance at the Westin Hotel on Saturday to enjoy food, camaraderie and dancing. Special anniversary classes will be honoured at the dinner along with recipients of the Distinguished Alumni and Golden Jubilee Awards. The Alumni Association will recognize the work of a national and international leader in the field of otolaryngology. Patrick Doyle ('47 BSc, '49 MD) was the first to complete a cochlear implant enabling a deaf young woman to hear again. In 1988, Dr Doyle was the first Canadian to be named president

of the American Board of Otolaryngology, and more recently he was named president of the Triological Society. Dr Doyle retired in 1991 and is now a professor emeritus at the University of British Columbia.

The pioneering spirit of John Poole, '37 BSc(Eng), '87 LLD (Honorary), will also be recognized. Dr Poole has not only been a major supporter of the University, but with his brother he built Poole Construction into a major Canadian and worldwide contracting company. The founding shareholder of the Oxford Development Group, Dr Poole was inducted into the Business Hall of Fame of Junior Achievement in 1980 and four years later received the Canadian Business Leader Award from the University's Faculty of Business.

Sandy Mactaggart, '90 LLD (Honorary), who served as University Chancellor for the last four years and more recently served as Interim Chair of the Board of Governors, will be presented with the Alumni Golden Jubilee Award, which recognizes outstanding service to the University.

Reunion Weekend celebrations will kick-off with a concert by the Nylons at the Horowitz Theatre in SUB. The Nylons will perform a varied repertoire of songs from the

Reunion Weekend '94

'50s and '60s, including "The Lion Sleeps Tonight". The Canadian-based group, which was formed in the early '80s, has toured the world, going over especially well in Belgium, Holland and Luxembourg, and winning Best Singers award at the 1987 Tokyo Music Festival. Their first self-titled album sold 50,000 copies in two weeks and subsequent albums solidified their popularity.

Reunion Weekend '94, which includes tours and Faculty Open Houses, is linked with Super Saturday, organized by the Office of Public Affairs. Alumni and guests will be treated to a variety of lectures by professors on topics ranging from fibre optics to Chinese herbal medicine.

Tickets to Reunion Weekend events are available to alumni, staff, guests and the general public through the Office of Alumni Affairs, 492-3224.



Look for a seamless performance from the Nylons on 30 September in Horowitz Theatre.

In this, the second part of a three-part series, we explore what the Timms Centre means to students and faculty in the Department of Drama.

Timms to star in education

By Alan Welch (Department of Drama)

Last week, *Folio* looked at the public face of the new Timms Centre for the Arts. But Timms' most valuable role is that of educator.

Undeniably a jewel of a theatre, Timms will be no prima donna, only sparkling at show time. It is designed to be a living, working part of daily life at Fine Arts.

The Timms Centre will be a new entrance to the Fine Arts Building. Just inside the doors, stairs lead directly to a pedway connecting Timms to FAB, HUB and the LRT.

But it is behind the bustle of the foyer that Timms will really come alive.

With input from the department's technical staff and faculty, the facility has been meticulously designed to meet the needs of all undergraduate and graduate programs offered by the department for both training and research. The result is a unique building with specialized facilities which will support the existing BA, BFA Acting, BFA Design, MA, MFA Direction and MFA Design programs. It also opens the door to future programs of study in technical production, stage management and costuming.

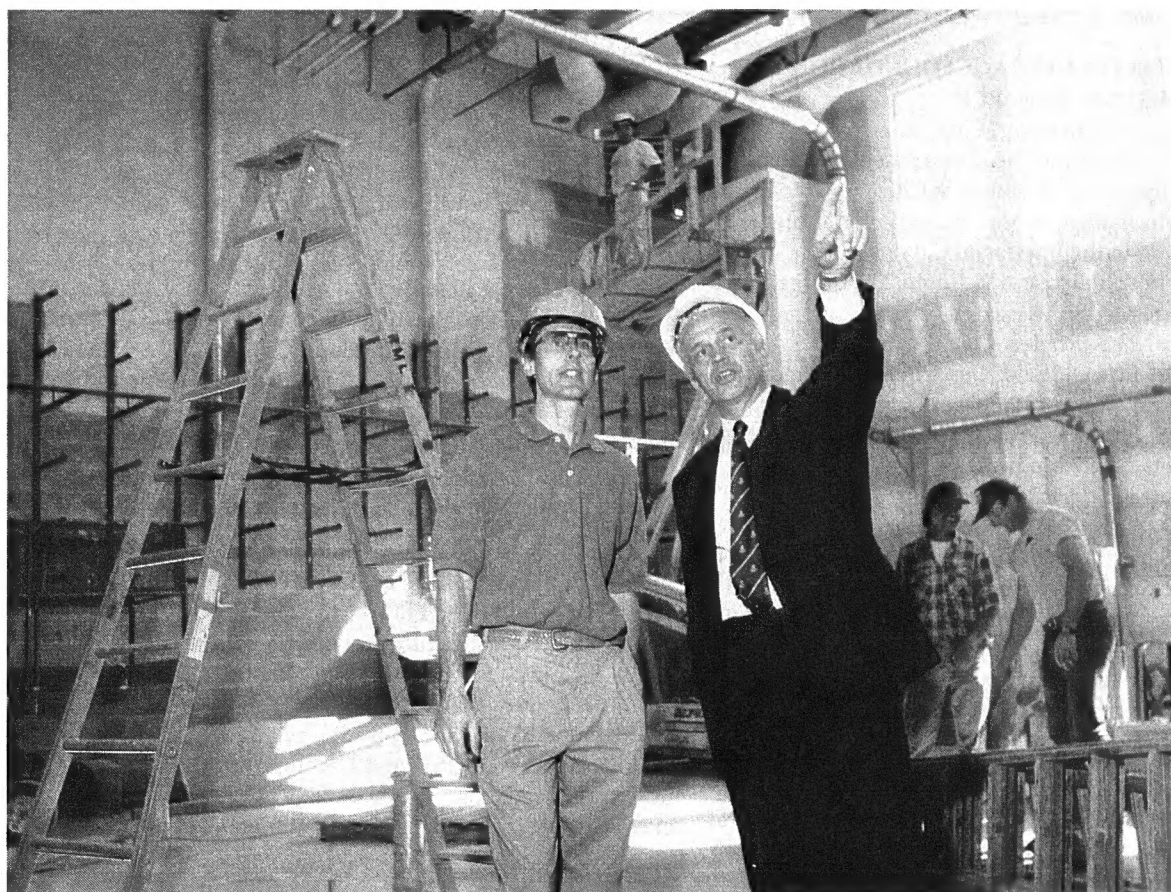
The Timms Centre houses two performance spaces: the second playing space and the main theatre. The main theatre is a traditional proscenium theatre. The second playing space has flexible seating which enables the space to be configured to different theatre forms: thrust, arena, alley, environmental, and end or corner stage. This facility has been designed to allow a student with limited prior experience to work in a safe environment.

Above the auditorium in the main theatre, the sound and lighting booths are large enough for instruction. The sound booth can double as a small recording studio, while the lighting booth can act as an experimental light lab. The systems housed in both of these spaces are computerized and state-of-the-art. At the hub of the control booths, the stage manager's booth is fully equipped with cuing and intercom systems; from here, the stage manager can orchestrate the run of each performance.

The rehearsal hall is spacious enough to simulate the acting area within both theatres.

Shop areas accommodate the construction needs of production and the teaching of classes within

Back stage, this theatre is an excellent lab for traditional forms of theatrical rigging. The entire stage is trapped, wing space is ample enough to allow trucking of scenery, and a full fly tower supports a system of counterweighted pipes for flying scenery in and out.



Two for the (coming) show

President-elect Rod Fraser tours the Timms Centre for the Arts with Alan Welch, APO for the Department of Drama.

The theatre shops lie adjacent to the main theatre, second playing space and the rehearsal hall. They are comprised of a scene shop for the construction of scenery, a paint fit-up area for the finishing of scenery, and a prop shop where set dressing and other props are constructed or altered. There are also large costume construction, maintenance and dye crafts areas.

All of these shop areas have been designed to accommodate both the construction needs of production and the teaching of classes within. Adjacent to each of these areas is a storage facility to accommodate

the vast stock that the Department of Drama has accrued over its 46-year history.

Drama is understandably excited over the learning potential that Timms promises to students and staff. This unique facility launches the department into the next century on a high note. The opportunities which it presents are unparalleled in this country.

Next week, we will look at how Drama came to acquire this unique building, who contributed to making it happen, and how the department plans to operate it in this time of economic restraint.

Analytical chemist lauded by colleagues as one of the world's best

Gary Horlick awarded 1994-95 Killam Annual Professorship

By Michael Robb

Students from around the world want to study with him. Universities and major industrial companies want to hire graduates who have benefited from his tutelage. And universities, government and industrial laboratories are continually asking him to speak at conferences and symposiums.

None of this admiration, however, has turned Chemistry Professor Gary Horlick's attention away from his methodical and consistent approach to analytical spectroscopy, the technique of producing spectra, analyzing their constituent wavelengths, and using them for chemical analy-

sis. For more than 25 years, he has pioneered new methods and systems for determining elements.

It's that work which has earned him a McCalla Professorship from this University in 1987-88, the Alberta Achievement Award-Excellence Category in 1988, the Lester W Strock Award from the Society for Applied Spectroscopy the following year, the Spectrochimica Acta Atomic Spectroscopy Award in 1990 and 1992 and, for 1994-95, a Killam Annual Professorship from the U of A.

Dr Horlick's work has made the work of applied chemists easier. Samples are inserted into super-heated plasmas – over 7,000 degrees – where they break down into basic elements. Those emit light, the intensity of which indicates just how much of the elements are in the sample. The process has proven particularly useful in environmental, medical and industrial analyses.

While aqueous materials are easily introduced into the plasma and analyzed, solids are not. Therefore, a great deal of the work done by Dr Horlick and his team of researchers has focused on developing new sample introduction methods.

Over the last decade, Dr Horlick has concentrated his research on coupling those high-energy plasmas with mass spectrometers. "Instead of looking at light, we look at ions," he explains. (Ions are at-

oms or groups of atoms which have gained or lost one or more electrons and thus carry negative or positive charges.) It's that technology, says Chemistry Professor and colleague Norm Dovichi, that produces extremely sensitive measurement of the elemental and isotopic components of minute amounts of material.

Dr Horlick has been responsible for developing other measurement techniques. He pioneered the application of photodiode arrays to atomic spectrochemical measurements and developed Fourier transform spectroscopy instrumentation for the ultra-violet and visible spectral region.

That work has found its way into the teaching realm. Dr Horlick has spent major blocks of time designing, writing and supervising experiments that provide students at all levels with truly state-of-the-art training in the rapidly evolving field of chemical analysis, says Chemistry Department Chair Byron Kratochvil.

"Worth special mention is the course in electronics for scientists that he has been in charge of most of the time he has been here," says Dr Kratochvil. "Not one year has gone by without updating of the experiments to reflect new techniques and instrumental developments for the acquisition of scientific data from instruments. No course in Canada, and very few outside the country, matches the quality and currency of his instruction in this area."



Gary Horlick explains his work to Faculty of Science Visiting Committee members.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

19 September, 10 am

Wonhwa Cho, Department of Chemistry, University of Illinois at Chicago, "Molecular Mechanism of Membrane-Protein Interaction in the Interfacial Catalysis of Phospholipase A₂." Room 207, Bridge, Heritage Medical Research Centre.

23 September, 4 pm

Eric Oldfield, Department of Chemistry, University of Illinois at Urbana-Champaign, "Solving the Protein Chemical Shift Problem." 2-27 Medical Sciences Building.

30 September, 10:30 am

Gary Kielhofner, professor and head, Department of Occupational Therapy, College of Associated Health Professions, and professor of Public Health, University of Illinois at Chicago, "The Convergence of Divergent Empirical Traditions in the Study of Motives." 3-26 Corbett Hall.

BIOCHEMISTRY

16 September, 2 pm

Dennis Cvitkovitch, Department of Oral Biology, University of Manitoba, "Glucose Transport in *Streptococcus Mutans*." 4-70 Medical Sciences Building.

BIOLOGICAL SCIENCES

16 September, 3:30 pm

Nancy Beckage, Department of Entomology, University of California, Riverside, "Parasite and Virus-Induced Host Immunosuppression and Endocrine Disruption." M-149 Biological Sciences Centre.

23 September, 3:30 pm

William Current, senior scientist, Lilly Research Labs, Indianapolis, "Fungal Cell Wall Biosynthesis and Antifungal Drug Discovery." M-149 Biological Sciences Centre.

CHEMICAL ENGINEERING

22 September, 3:30 pm

S Basu, "Analysis of Coalescence Phenomena for a Model Coalesces." 342 Chemical-Mineral Engineering Building.

TALKS



29 September, 3:30 pm

George Lu, Department of Chemical Engineering, University of Waterloo, "Cultivation of Glass Microcarriers in Airlift Bioreactors." 342 Chemical-Mineral Engineering Building.

ECOLOGY


23 September, noon

Charles Godfrey, Centre for Population Biology, Imperial College at Silwood Park, "Host-Parasitoid Interactions in Tropical Environments: Age Structure and Biocontrol." G-208 Biological Sciences Centre.

30 September, noon

Suzanne Bayley and Tony Szumigalski, "Controls on Production and Decomposition in Alberta Peatlands." G-208 Biological Sciences Centre.

ECO-RESEARCH CHAIR IN ENVIRONMENTAL RISK MANAGEMENT

 23 September, 2:30 pm

Paul Slovic, Decision Research, Eugene, Oregon, "Facts Versus Fears: Understanding Perceived Risk." 2-3 Mechanical Engineering Building.

EIGHTEENTH-CENTURY STUDIES GROUP

28 September, 4 pm

Carol Janigo and Catherine Swindlehurst, "Colonial History." Senate Chamber, Arts Building.

GEOLOGY

20 September, 11 am

Brian A Zaitlin, PanCanadian Petroleum Ltd, Calgary, "Stratigraphic Organization of Incised-Valley Systems with Examples from the Western Canada Sedimentary Basin." 1-04 Earth Sciences Building.

LAW

28 September, 8 pm

The Wilbur Bowker Visiting Professorship in Law—Lecture. William Epstein, OC, LL.D., senior fellow, United Nations Institute for Training and Research, New York, "The State of the World and the Role of the United Nations." 237 Law Centre.

ORAL BIOLOGY

28 September, noon

WH Arnold, vice-dean, Faculty of Dentistry, and Chairman of Anatomy, University of Witten-Herdecke, Germany, "3-D Computer Graphic Rendition of Holoprosencephalic Fetuses." 4069 Dentistry-Pharmacy Centre.

PERINATAL RESEARCH CENTRE

23 September, 7:45 am

Robert Jansen, medical director, Sydney In Vitro Fertilization Clinic, Royal Prince Albert Hospital, Sydney, Australia, "Endometriosis: Old Controversies, New Views." 2J4.02 Mackenzie Health Sciences Centre.

27 September, noon

Neil Finer, director, Neonatal Intensive Care Unit, Royal Alexandra Hospital, "Inhaled Nitric Oxide Neonatal Experience: In Search of the Answer." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

21 September, 3:30 pm

Frank Sysyn, "The Writing of National History: Hrushevsky's *History of Ukraine-Rus*." 352 Athabasca Hall.

PHILOSOPHY

22 September, 3:30 pm

Bernard Linsky, "Platonism and Naturalism in the Philosophy of Mathematics." 4-29 Humanities Centre.

PHYSICS

16 September, 2 pm

R Paul Drake, Plasma Physics Research Institute, Lawrence Livermore National Laboratory, "The Laser as a Tool to Study Waves and Turbulence in Plasmas." V-129 Vwing.

23 September, 3 pm

T Morii, Kobe University, Kobe, "Spin Structure of Nucleons and the Polarization of Partons." 631 Avadh Bhatia Physics Laboratory.

SOCIETY OF EDMONTON DEMOGRAPHERS

28 September, noon

Connie Leclair, Statistics Canada, "Trends in the Family." Heritage Room, Main Floor, City Hall.

SOCIOLOGY

28 September, noon

Cecilia Benoit, Department of Sociology, University of Victoria, "Paradigm Conflict in the Sociology of Professions." 5-15 Tory Building.

WOMEN'S STUDIES

29 September, 3:30 pm

Kathie Webb, "Women Crying Through Their PhDs." Senate Chamber, Arts Building.



This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 15 November

"Beyond Words: An Exhibition of Manuscripts and Manuscript Facsimiles." Gallery hours: Monday to Friday, 8:30 am to 4:30 pm. B7 Rutherford South.

CLOTHING AND TEXTILES COLLECTION

Until 18 November

"Made in Canada—Women's Factory Clothing 1935-70"—this museum exhibit of women's clothing examines the history and characteristics of the Canadian garment manufacturing sector with specific reference to the production of women's wear. The exhibit also discusses the nature of Canadian fashion and the possible effects of recent trade agreements upon the garment industry. Hours: Monday to Friday, 8:30 am to 5 pm. Information: Cathy Roy, 492-3826. Basement, Home Economics Building.

EXTENSION CENTRE GALLERY

Until 30 October

"An Exhibition of Works by Students in the Faculty of Extension's Summer Program." Gallery hours: Monday to Thursday, 8:30 am to 8 pm; Friday, 8:30 am to 4:30 pm;

EVENTS

Saturday, 8:30 to 11:30 am. Information: 492-3034. 2-54 University Extension Centre.

FAB GALLERY

Until 11 September

"Curtis Palmer - Omniopicon: Design Alternatives for a Spherical Projection System"—this exhibition is the final visual presentation for the degree of Master of Design in Industrial Design. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Saturday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

McMULLEN GALLERY

Until 6 November

"Arpilleras: A Message of Universal Hope—Contemporary Chilean Folk Art"—the Friends of University Hospitals are pleased to present an artistic commentary depicting the political and social life of Chile from 1973 to 1993. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday

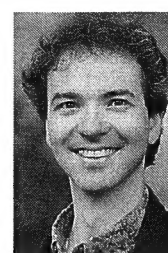
and Sunday, 1 to 4 pm; Monday, Tuesday, Thursday, 6 to 8 pm. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

DEPARTMENT OF MUSIC

17 September, 7 pm (preconcert introduction and reception); 8 pm (concert)

Stéphane Lemelin, piano. Program will include works by Berg, Schumann and Schubert. Lecturer: Brenda Dalen. Guest host: Fil Fraser, Edmonton writer and broadcaster. Convocation Hall.



Stéphane Lemelin

THEATRE

STUDIO THEATRE

22 September to 1 October

"The Queens" by Normand Chaurette, translated by Linda Gaboriau, directed by MFA Directing Candidate Brad Moss. This 1993 Chalmers Award-winning Canadian play is set in London in 1483, during the tumultuous time of Shakespeare's Richard III. Tickets and information: 492-2495. Media Room, 1-63 Fine Arts Building.

Enviro Fair '94 Exposing our environmental nature

By Folio staff

Housing and Food Services invites U of A students and staff to its third annual Environmental Exposition and BBQ, 22 September, 11 am to 2 pm, in The Quad. (If 22 September is rainy, the Fair will be held the next day.)

The purpose of the Fair is to raise awareness of the need for environmentally responsible behaviour in areas such as energy conservation and waste management, and to inform people about environmental initiatives on and off campus.

Those University and community public education groups that will be represented at the Fair include: Environmental Campus Organization (ECO); U of A Residence Association; Alberta Government Environmental Protection Branch; Environment Council of Alberta; City of Edmonton Public Works; Edmonton Power; and Earth's General Store. Environmental Protection Minister Brian Evans will attend.

Charge for food is one loonie (\$1) which will be donated to an environmental cause.

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

CENTRAL - Two bedroom suite near 121 Street 102 Avenue. Fully furnished. Available 1 October - 1 April. \$450/month. Western Relocation, 434-4629.

EXECUTIVE two storey on ravine in Capitol Hill! Unique interior, completely renovated in keeping with the old style. 1 October possession or sooner. \$2,200/month, lease. Western Relocation, 434-4629.

SHERWOOD PARK - Well located in The Park, close to amenities. Three bedrooms on main, two bedroom in-law suite, double garage. \$800/month. Western Relocation, 434-4629.

ST ALBERT - 2,300', completely renovated, former Hillview showhome. Three bedrooms, double attached garage, built-in vac, window coverings, intercom, all appliances. \$1,500/month. 1-2 year lease. Western Relocation, 434-4629.

WEST END, LESSARD - European elegance and Edmonton's colourful river valley. Indoor pool, five bedrooms, double garage. Yearly lease. Please contact Western Relocation, 434-4629.

TERWILLEGAR HEIGHTS fully furnished, executive luxury. Three bedrooms upstairs, two bedrooms downstairs. All amenities. \$2,300/month firm. Western Relocation, 434-4629.

MODERN! MILLCREEK! Perfect! Upper floor furnished condo. Southwest exposure, one bedroom, den, jacuzzi tub. Eight month lease, nonsmokers, no pets. \$800/month. Western Relocation, 434-4629.

HOUSE SIT - Greenfield, upgraded bungalow with finished basement. Fully furnished, \$200/month. 15 October - 15 April. Western Relocation, 434-4629.

WEST EDMONTON - Lewis Estates, four bedroom house with appliances and garage, 20 minutes from University. \$950 plus utilities. 487-7512.

FOR LEASE - 15 September 1994, 10545 Sask. Drive, Waterford House condominium, choice third floor loca-

tion, river view, Two bedrooms, two baths, laundry in suite, five appliances, underground parking. \$825 monthly, references, call 433-1257 evenings.

RENOVATED, EXECUTIVE home, 13308 Buena Vista Road. Close to University, river valley and downtown. Three ensuites, \$1,300/month. 423-6668.

COURTYARD of Riverbend, luxury townhomes. Fireplace, double attached garage, full basement, rents from \$995. Phone 430-6381.

STRATHCONA - Three bedroom main floor. Hardwood. Utilities included. Nonsmokers, \$695. 434-6287.

THREE BEDROOM house, 3.5 km south of University on bicycle route. No garage, one car parking on street. \$700 plus utilities, available 1 October. Information at 434-6791.

SOUTHGATE - Fully furnished, three bedroom townhouse, 1 1/2 baths, free cable. 29 October - 1 April. \$495. 435-0185.

TWO BEDROOMS, five appliances. 433-5674.

LEASE - House in Brookview. Three bedrooms, 2 1/2 bathrooms, 1 1/2 storey. Bright, open home. Nonsmokers. \$1,350, references required. 988-9160.

LUXURY HIGHRISE one bedroom condo on Saskatchewan Drive. Spacious, fully furnished, underground parking and amenities. Available immediately - 31 December 1994, possible extension. Ideal for visiting scientist. Call 432-7854 after 5 pm weekdays.

ROOM WITH A VIEW - Quiet, nonsmoking female, no pets, to share charming house

with female (40). Quilts, antiques, art, garden. Near University. \$270 plus utilities. 436-0894.

FURNISHED, two bedroom, adult building. Central, 15 October - 1 April. 482-4179.

BRIGHT, stylish, new one bedroom suite. Near University. Quiet, nonsmokers, no pets. \$350 plus utilities. 436-0894.

SHARED ACCOMMODATION - Responsible, nonsmoker, female preferred for quiet, four bedroom bungalow. Southgate. Parking, plug-in, excellent bus. \$425 including utilities. 496-9334, voice mail #7415.

WINDSOR PARK - Walk to University/Hospital. Unfurnished, three bedroom house, view, large yard. \$1,200/month plus utilities. 433-0212.

BELGRAVIA, short walk to University. Two plus one bedrooms, heated double garage, with hot tub/shower. \$900/month suite, mature couple. 437-7027.

WINDSOR PARK, one block from campus. Bungalow, two bedrooms, living room, dining room, study in basement, garage. 1 January - 31 August, earlier entry possible. \$750/month plus utilities. Derek Sayer (Sociology), 492-4524, 433-2375.

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max ports west, Victoria, B.C.

"STATE-OF-THE-ART" executive river valley condo. Two bedrooms plus den. Very

special features. Janet Jenner Fraser, Spencer, 435-0808.

UNIVERSITY AVENUE, luxurious, 2,100' half-duplex. Double garage, beautiful condition, many extras. \$225,000, immediate possession. Ed Lastiwka, Royal LePage, 446-3800.

ONE RESIDENTIAL LOT (#816) consisting of approximately one quarter of an acre. Resort consists of 1,100 acres including 18-hole golf course, ocean beach, Beachcomber Hotel. Water, sewer, underground electrical. \$25,000 Canadian. Phone 462-2374.

SUPER QUIET location near Southgate. Three bedroom bungalow, two fireplaces, one year old solarium, vacant, \$144,500. Raymond Cheng, Re/Max, 498-2930.

LOCKHART GARDENS townhouse in Blue Quill, three bedrooms, 1 1/2 baths, fireplace, excellent bus service, \$89,900. Raymond Cheng, Re/Max, 498-2930.

McKERNAN - Renovated, two bedroom bungalow. Hardwood floors, quiet cul-de-sac, walk to University, landscaped yard. Must be seen! \$132,000. 11116 75 Avenue. 437-6761.

BELGRAVIA - Three bedroom, three bathroom, 1 1/2 storey home with double garage. Newer Berber carpets, woodburning fireplace, major appliances included. \$149,800. Marjorie King, Spencer, 435-0808, 435-0395.

ASPEN GARDENS - Well-maintained bungalow, four plus one bedrooms, fireplace, double garage. Quiet crescent near Whitemud Ravine, schools and bus route. \$151,000 by owner. 435-2253 evenings.

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Lecture

The State of the World and the Role of the United Nations

by William Epstein, O.C., LL.D.

Senior Fellow, United Nations Institute for Training and Research

8:00 pm Wednesday, September 28, 1994

237 Law Centre
University of Alberta

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PARKALLEN - Beautifully renovated, one bedroom main floor, basement bachelor in-law suite. 30' garage with workbench. Close to University. \$129,900, must sell, by owner. 434-4785.

BARGAIN in Grandview Heights. Exclusive neighbourhood convenient for University. Automatic entry Grandview School. Double attached garage, beautiful west backyard. Jean MacKenzie, Sutton, 438-2500.

RIVERBEND - 2,600 square feet, large entertaining rooms, oak flooring. Three bed-

rooms, four bathrooms, fireplaces, deck, view, south backyard. Also extra lot available. Liz Crockford, Spencer Realty, 435-0808.

ARCHITECTURALLY-designed ravine property. Floor to ceiling windows, super indoor swimming pool, triple garage. Vendor moving south. Ten minutes to University. \$498,000. Offers! Liz Crockford, Spencer Realty, 435-0808.

CHARMING CAPE COD character home surrounded by trees. Located on a quiet street, walking distance to University/hospital. Ext. renovations including new kitchen, refinished hardwood floors, main floor family room, two fireplaces. Diane Mageau, Spencer Real Estate, 483-7170 business, 483-0927 residence.

ACCOMMODATIONS WANTED

HOUSESITTER - Mature grad, non-smoker, pets okay, references. Mark, 455-4351.

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TECH VERBATIM Word Processing. Résumés, theses, medical terminology. Donna, 440-3714.

PATRICIA CRAIG Business and Editorial Services - Technical editing, word processing, tape transcription. APA/MLA styles. Campus. References. 488-9665.

MISCELLANEOUS

HOUSESITTER WANTED mid-December to mid-February. Lovely home in North Glenora (5 km from campus) in exchange for care of two small dogs. 454-7581.

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Cookies By George	25% off a purchase of 6 or more cookies 12 - 7 pm Fridays
Ho Ho Chinese Foods	Free small pop with \$3.25 purchase on Fridays
Silver & Bead Emporium	10% off on Tuesdays
Jordan Clothing	10% off on Fridays
The Jacket Potato Man	Free tea, coffee or small fountain pop with \$2.95 purchase 2:30 - 4 pm Monday - Friday
The Bottleneck	10% off meal purchases 2 - 5 pm Monday - Friday
HUB Flowers	10% off on Tuesdays
Galatea Galleries	10% off on Tuesdays and Thursdays
Academy Pizza	Free coffee with regular meal purchase
Hub Photo	10% off all film on Wednesdays
A & W	Free coffee with every \$3.00 purchase on Saturdays and Sundays
La Pasta	10% off on pasta meals on Mondays
The Stylistics	15% off on hair cuts only on Fridays
Taco Time	Free regular Coke with super soft taco and mexi fries on Tuesdays
Louie's Submarine	Free 8 oz. coffee with reg. (12") sub purchase on Saturdays and Sundays

Your Bonus Savings card may be picked up at participating HUB merchants.

Director of the Division of Neuroscience

The Division of Neuroscience at the University of Alberta, consisting of more than 40 faculty members from 15 departments across campus, is seeking a Director. The Division has developed a successful graduate program with approximately 20 students in M.Sc. and Ph.D. programs and plans to initiate an undergraduate Neuroscience Honours program in the 1995-96 academic year. The Division of Neuroscience is a unique administrative unit at the University of Alberta. Each member retains his/her primary appointment in a "home" department, and the teaching of neuroscience courses remains largely the responsibility of the departments. Therefore, the Director has a lighter administrative burden than a Department Chair.

We seek a Director with leadership qualities, experience in administration and a demonstrated record of achievement in teaching and research, as well as a strong commitment to strengthening clinical and basic science links. Applicants must already hold a faculty appointment within the University of Alberta and should submit a curriculum vitae, names of three referees and a short statement of their vision for the future of the Division by **October 15, 1994** to: Dr. Joel Weiner, Chair, Search and Selection Committee, 2J2.11 Walter Mackenzie Health Sciences Centre.

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OR Tuesdays & Thursdays
from September 27 to December 1, 1994
7:30 p.m. to 9:30 p.m.
Fee: \$165.

Saturdays classes: 9:00 a.m. to noon **OR**
1:00 p.m. to 4:00 p.m.
from September 17 to December 17, 1994
Fee: \$180.

WRITTEN FRENCH

Beginner level:
Tuesdays from Oct. 4 to Dec. 6, 1994
7:30 p.m. to 9:30 p.m.
Fee: \$99.

Intermediate level:
Thursdays from Oct. 6 to Dec. 8, 1994
7:30 p.m. to 9:30 p.m.
Fee: \$99.

Beginner & Intermediate level:
Saturdays from Oct. 1 to Dec. 17, 1994
9:00 a.m. to noon
Fee: \$149.

To register, please contact:
C.É.C.A - Faculté Saint-Jean, U of A 8406 - 91 street Edmonton, Alta
T6C 4G9 Tél: 468-1582 Fax: 465-8760

Coping With Change



Facilitator: Francois Roy, Chartered Psychologist
Registration: Call 433-6811 (Priority One Office) to register
Location: Campus Tower, Lower Floor
Start Date: When a minimum number have enrolled
Cost: Covered by your Supplementary Health Plan
Time: Mondays 7:30-9:30 pm
8 sessions

Coping With Change is a therapy group for people experiencing difficulties (depression, anxiety, anger, stress) related to changes in their work lives (lay off, threat of lay off, poor morale at work, etc.) or personal lives (loss of a relationship, serious illness, etc.). Participants will learn skills to deal with the symptoms of their changes and relaxation techniques to manage the stress.

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Maria Kreig, spine specialist, trained in Germany.
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